

REMARKS

Claims 1, 2 and 9-11 have been amended. Claims 1-12 remain for further consideration. No new matter has been added.

The objection and rejections shall be taken up in the order presented in the Official Action.

1-2. Claims 9-11 currently stand rejected under 35 U.S.C. §112, second paragraph for allegedly failing to particularly point out and distinctly claim the subject matter deemed to be the present invention.

Claim 9 has been amended to correct the typographical error.

3-4. Claims 1-2 currently stand rejected under 35 U.S.C. §103(a) for allegedly being obvious in view of the subject matter disclosed in U.S. Patent 5,490,165 to Blakeney et al (hereinafter "Blakeney").

Claim 1 of the present invention recites a mobile receiving device, which includes "*at least two channel selection devices for converting the video/audio high-frequency signals into intermediate frequency signals*". (cl. 1, emphasis added). The mobile receiving device of claim 1 is directed to mobile television receivers for use in a motor vehicle.

In contrast, Blakeney is directed to the field of cellular telephony, and in particular to the field of Code Division Multiple Access (CDMA). CDMA is a digital wireless technology that was pioneered and commercially developed by QUALCOMM - the assignee of Blakeney. CDMA converts speech into digital information, which is then transmitted over a wireless network. Using a unique code to distinguish each different call, CDMA enables more people to share the airwaves at the same time - without static, cross-talk or interference. Blakeney neither discloses nor

suggests a mobile receiving device for receiving video/audio signals. A fair and proper reading indicates that Blakeney simply relates to cellular telephony, and in particular to a technique for assigning demodulation elements.

In support of the contention that the subject matter of claim 1 is obvious in view of Blakeney, the Official Action cites FIG. 6 of Blakeney. However, FIG. 6 is Blakeney relates to a base station (see col. 7, lines 12-13; col. 18, lines 4-22), not a mobile radio receiver as recited in claim 1.

In addition, it is recognized in the Official Action that Blakeney fails to disclose at least two video demodulation devices and at least two audio demodulation devices (Official Action, pg. 3). It also recognized that Blakeney fails to specifically illustrate which demodulator demodulates the video signal and which demodulates the audio signal (Official Action, pg. 3). The Official Action then contends, "[h]owever, as the spread spectrum system would be capable of processing both audio and video signals received through the RF antennas 422A-422C', it would have been obvious to the skilled [person] in the art at the time the invention was made to modify the system of Blakeney et al. by specifying the audio demodulator and video demodulators, in order for the system to be more precise and more reliable in processing audio and video signal separately." (Official Action, pg. 3). It is respectfully submitted that the foregoing statement in the Official Action is based upon an incorrect understanding of the spread spectrum signal processing technique. As known, spread spectrum is a telecommunications technique in which a signal is transmitted in a bandwidth considerably greater than the frequency content of the original information. This technique decreases the potential interference to other receivers while achieving privacy and increasing the immunity of spread spectrum receivers to noise and interference. Spread spectrum generally makes use of a sequential noise-like signal structure to spread the normally narrowband information signal over a relatively wide band of frequencies. The use of spread spectrum signaling neither discloses nor

suggests TV or radio signals. The contention in the Official Action is wholly unsupported by the definition of spread spectrum and by the use of the spread spectrum technique in the context of Blakeney. Accordingly, the Official Action has failed to establish a prima facie case of obviousness.

5. Claims 3-6 currently stand rejected for allegedly being obvious in view of the combined subject matter disclosed in Blakeney and U.S. Patent 6,141,536 to Cvetkovic et al (hereinafter "Cvetkovic").

It is respectfully submitted that this rejection is now moot, since claim 1 patentable for at least the reasons set forth above.

6. Claims 7-12 currently stand rejected for allegedly being obvious in view of the combined subject matter disclosed in Blakeney, Cvetkovic and U.S. Patent 5,325,403 to Siwiak (hereinafter "Siwiak").

It is respectfully submitted that the rejection of claims 7-11 is now moot, since these dependent claims depend indirectly from claim 1, which is patentable for at least the reasons set forth above.

Claim 12 recites a television receiving device for use in a motor vehicle. As set forth above, the Official Action recognizes that Blakeney fails to disclose at least two video demodulation devices and at least two audio demodulation devices (Official Action, pg. 3). The Official Action also notes that Blakeney does not specifically illustrate which demodulator demodulates the video signal and which demodulates the audio signal (Official Action, pg. 3). In support of the contention that the subject matter of claim 1 is obvious in view of Blakeney, the Official Action cites FIG. 6 of Blakeney. However, FIG. 6 is Blakeney relates to a base station (see col. 7, lines 12-13; col. 18,

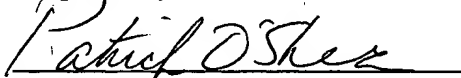
lines 4-22), not a mobile radio receiver as recited in claim 1. As known, a base station is certainly not a mobile receiving device. Accordingly, it is respectfully submitted that claim 12 is patentable over this combination of cited art.

7. The additional prior art of record is noted, and the undersigned attorney agrees that these references neither disclose nor suggest (either alone or in combination) the claimed invention.

For all the foregoing reasons, reconsideration and allowance of claims 1-12 is respectfully requested.

If a telephone interview could assist in the prosecution of this application, please call the undersigned attorney.

Respectfully submitted,



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